

Clean Copy of Amended Claims

1. (twice amended) A method of detecting the presence of an analyte of interest in a sample, the method comprising the steps of:

providing a first surface having reversibly immobilised thereon a displaceable moiety, the displaceable moiety being immobilised on the first surface, said displaceable moiety having an affinity for the first surface lower than the affinity of the displaceable moiety for the analyte of interest;

exposing the first surface to a sample comprising the analyte of interest, whereby the analyte of interest specifically displaces the displaceable moiety from the first surface;

causing the displaceable moiety displaced from the first surface to contact a second surface bearing a capture moiety which specifically binds to the displaceable moiety, so as to capture the displaceable moiety on the second surface, said capture generating a detectable signal; and

detecting the signal; wherein said detection is performed by means other than Surface Plasmon Resonance, and wherein the detectable signal is not generated unless and until the displaceable moiety is captured on the second surface whereupon said detectable signal indicating detection of analyte in said assay is generated.

12. (twice amended) A method according to claim 1, wherein the capture of the displaceable moiety by the capture moiety directly modulates an electrochemical property of the capture moiety, which modulation comprises the detectable signal.